ZAKI AHMED

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Github Profile: www.github.com/ZakiAhmed123 ● Portfolio: www.zakiahmed.org

SUMMARY STATEMENT

A unique educational background of software development skills with education from the University of Houston in petroleum engineering. A solid full stack set of skills ranging from Ruby on Rails and PostgreSQL to Javascript and HTML/CSS coupled with analytical knowledge in production engineering.

EDUCATION

The Iron Yard: Houston	**Back End Engineering Certification**	**Spring - 2016**
The University of Houston	**Bachelors of Science in Petroleum Engineering**	**Fall - 2014**
	Cumulative GPA: 3.01	

SOFTWARE

● **Back End:** Ruby on Rails, PostgreSQL,Git & Github
● **Front End:** HTML, CSS, Javascript, JSON, jQuery, AJAX, React, Bootstrap

TECHNICAL PROJECTS

Savor It Food Delivery Application   **April 2016**
● A mobile web application combining social media with food delivery. Application was built using Ruby on Rails, Javascript, jQuery, HTML, and CSS.

Choke Management in Eagle Ford Shale   **August - December 2014**
● Senior thesis analyzing a comparison of aggressively opened choke valve management to conservatively opened choke valve management in regards to well performance, well recovery and net present value for wells in the Eagle Ford shale

WORK EXPERIENCE

ECS Texas, Construction Materials Testing Field Technician   **July - October 2015**
● Visit construction sites for field observation, testing, sampling and inspection of soils, steel, etc.
● Analyze construction schematics and inspect rebar to verify cement columns have proper support
● Consult with contractors and superintendents on construction zone problems that are not within the specifications

Print-O-Max, Client Service Representative   **September 2012 - December 2015**
● Regular liaison with 50 vendors per month to negotiate pricing and company needs
● Visited and consulted with customers to meet design specification
● Utilized Photoshop and Microsoft Publisher to customize orders to customer standards

Southwest Pediatric Child Clinic, Billing & Coding Specialist   **May- September 2011**
● Optimized payment system to increase organization using VBA codes within Excel resulting in increased efficiency
● Organized 300 patient files weekly and entered 100 daily patient insurance claims and payments